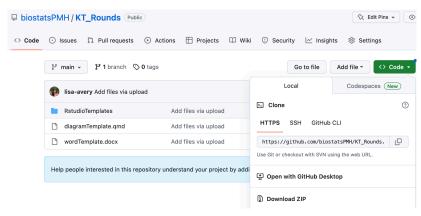
Creating RMarkdown Templates

Biostats KT 11 May 2023

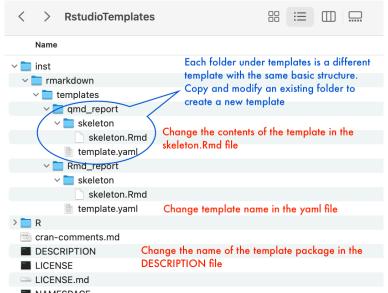
Template Package

To create your own RMarkdown Template download the RstudioTemplates folder from the department github



Customising the Template

The package has two existing templates: qmd_report and Rmd_report



template.yaml file

The template.yaml file is where you can change the name and description of your template



skeleton.Rmd file

The skeleton.Rmd file is the actual template. This is what you will see as a starting point when you open a new file.



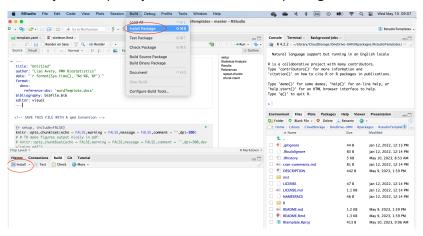
Updating skeleton.Rmd

You can customise the header, the setup, create new sections - anything

```
Source Visual
                                                                                                               Outline
  1 - ---
  2 # This is called the document YAML
  3 # Look here for more info: https://bookdown.org/vihui/rmgrkdown/word-document.html
  4 title: "Report Title"
  5 author: "YOUR NAME HERE"
  6 date: "`r format(Sys.time(), '%d %B, %Y')`"
  7 output:
      bookdown::word_document2:
  9
       toc: ves
 10
      number sections: FALSE
 11
       fig-width: 6
 12
         fig-height: 4
13 # You can add in a word template - this path will be interpreted relative to the Rmd report file
          reference_docx: 'wordTemplate.docx'
15 # Also, bib and csl files can be referenced
16 # bibliography:
 17 # - bibfile.bib
    # csl: Vancouver.csl
       bookdown::pdf_document2:
 19
 20
         latex_engine: xelatex
 21 - ---
22
23 - ```{r setup, include=FALSE}
24 knitr::opts_chunk$set(echo = FALSE.warning = FALSE.message = FALSE.comment = ''.dpi=300)
 25
26 # # You made need this to get special characters to work for PDF reports
27 # knitr::opts chunk$set(echo = FALSE.warning = FALSE.message = FALSE.comment = ''.dpi=300.dev="cairo pdf")
28 library(tidyverse)
29 library(reportRmd)
 30
```

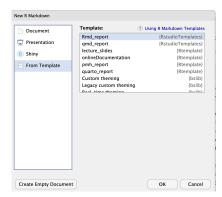
Installing Your Template

To use your template you need to install the package



Using Your Template





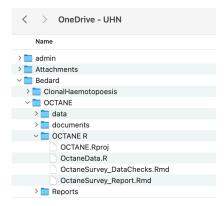
Customising a Word Template

You can use a custom Word template for all of your reports. This is simply any Word document where you have modified the styles to suit your tastes. I put my template on the department github

I keep my wordTemplate.docx in my OneDrive - UHN folder. If I want to use this template in the OctaneSurvey_Report.Rmd then the line in my yaml would be:

reference_docx:

'../../wordTemplate.docx'



This tells the Rmd file to look back three directories for the wordTemplate.docx file

Quarto Templates

For those of your who use Quarto (and you should!) there is no method for creating quarto templates yet.

An easy workaround is to make an qmd template (with Quarto yaml) and save as a skeleton.Rmd file - this is what I have done in the qmd_report template.

After you save the file for the first time change the extension from qmd to Rmd and that's it.

Using Quarto

Recent versions of RStudio have Quarto editors.

Quarto is nearly exactly the same as Rmarkdown, but it has a wysiwyg editor.

You can get started here